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Elizabeth Miller
Elizabeth Miller

02/03/2003
Date

ATTY DOCKET NO. 10990631-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Carol T. Schembri et al. Group Art Unit: 1634
Serial No.: 09/900,294 Examiner: Sisson, Bradley L.
Filed: July 6, 2001

Title: APPARATUS AND METHOD FOR CONDUCTING CHEMICAL OR
BIOCHEMICAL REACTIONS ON A SOLID SURFACE WITHIN AN
ENCLOSED CHAMBER

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

AMENDMENT AND RESPONSE

Please cancel claims 60-62 and 68, add new claims 69-71 and amend other of the claims all as indicated in the attached APPENDIX. A clean copy of all the pending claims is reproduced below which includes all the amendments shown in the APPENDIX:

51. (AMENDED) A method for conducting a hybridization assay within an enclosed hybridization chamber, comprising:

(a) providing a device comprised of a (i) a substrate having a surface with at least a portion of said surface representing a hybridization region, wherein a plurality of oligonucleotide probes are bound to the substrate surface within the hybridization region and arranged in a spatially defined and physically addressable manner, and (ii)